D-Link®
Building Networks for People

Faster Wireless Networkng Through USB 2.0

DWL-G120

- 802.11g Standard, Also Compatible with 802.11b Devices
- Up to 54Mbps with D-Link *Air*Plus G™ Products
- Increased Security with WPA[1]
- Quick and Easy Setup

11g 802.11g 54Mbps

2.4 GHz

USB 2.0

FREE 24/7 TECH SUPPORT (USA ONLY)

AirPlus™ G

802.11g/2.4GHz Wireless USB Adapter

D-Link, the industry pioneer in wireless networking, introduces another performance breakthrough in wireless connectivity—the ***D-Link Air*Plus G™** series of high-speed devices capable of transfer rates up to 54Mbps.

The D-Link *Air*Plus G™ DWL-G120 USB Adapter is a wireless USB2.0 adapter featuring the very latest in advanced wireless silicon chip technology to deliver incredibly fast data transfer in the 2.4GHz frequency. The DWL-G120 also works with 802.11b standard wireless devices and when used with other D-Link *Air*Plus G™ products delivers throughput speeds capable of handling heavy data payloads including MPEG video streaming.

The D-Link *Air*Plus G™ DWL-G120 also includes a configuration utility to discover available wireless networks and create and save detailed connectivity profiles for those networks most often accessed.

The DWL-G120 is a powerful USB 2.0 adapter that installs quickly and easily into any desktop or laptop PC with an available USB port. When used with other D-Link *Air*Plus G™ products, the DWL-G120 automatically connects to the network. Like all D-Link wireless adapters, the DWL-G120 can be used in ad-hoc mode to connect directly with other 802.11g or 802.11g wirelessly enabled computers for peer-to-peer file sharing or in infrastructure mode to connect with a wireless access point or router for access to the Internet in your office or home network.

1—Available Q1 2004 as a free driver download.

AirPlus™ G

802.11g/2.4GHz Wireless USB Adapter

DWL-G120

SPECIFICATIONS

Standards
- USB 2.0[1]
- IEEE 802.11
- IEEE 802.11g
- IEEE 802.11b

Bus Type
USB 2.0

Data Rates
With Automatic Fallback
- 54Mbps • 48Mbps
- 36Mbps • 24Mbps
- 18Mbps • 12Mbps
- 11Mbps • 9Mbps
- 6Mbps • 5.5Mbps
- 2Mbps • 1Mbps

Security
- 64-, 128-WEP
- 802.1x
- WPA[2]—Wi-Fi Protected Access

Media Access Control
CSMA/CA with ACK

Frequency Range
2.4GHz to 2.462GHz

Range[3]
Indoors: Up to 328 feet (100 meters)
Outdoors: Up to 1,312 feet (400 meters)

Modulation Technology
- Orthogonal Frequency Division Multiplexing (OFDM)
- Complementary Code Keying (CCK)

Receiver Sensitivity
- 54Mbps OFDM
- 48Mbps OFDM
- 36Mbps OFDM
- 24Mbps OFDM
- 18Mbps OFDM
- 12Mbps OFDM
- 11Mbps CCK
- 9Mbps OFDM
- 6Mbps OFDM
- 5.5Mbps CCK
- 2Mbps QPSK
- 1Mbps BPSK

Transmitter Output Power
15dBm ± 2dB

Antenna Type
Omni Directional

Temperature
Operating: 32°F to 131°F (0°C to 55°C)
Storing:4°F to 167°F (16°C to 75°C)

Humidity
95% maximum (non-condensing)

Dimensions
- L = 3 inches (76mm)
- W = 2 inches (51mm)
- H = 0.5 inches (14mm)

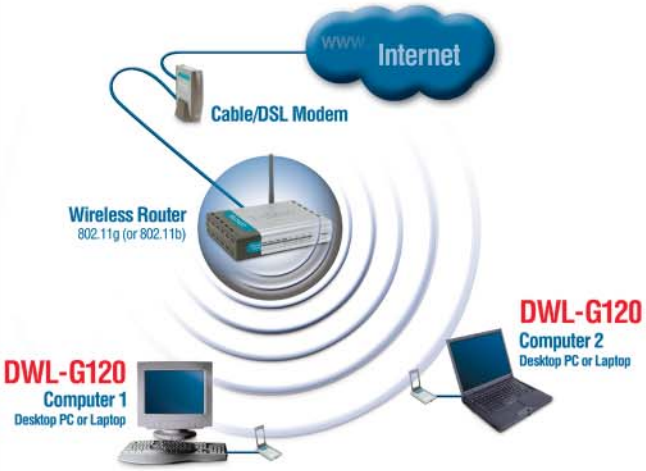
Weight
0.12 lb (55g)

Certifications
- FCC part 15b

Warranty
3 Year

1—Compatible with USB 1.1ports. If used with 1.1ports, throughput may be diminished.
2—Driver or firmware upgrade download available Q1 2004
3—Environmental factors may adversely affect wireless signal range.
D-Link *Air*Plus G™ products can transfer data up to 5 times faster than standard 802.11b networks. They are also interoperable with 802.11b compliant wireless devices.

The D-Link *Air*Plus G DWL-G120 is an 802.11g Wireless USB adapter. The DWL-G120 provides wireless access for your USB-enabled desktop or laptop PC. Its compact design allows you to take it wherever you go.



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